

(19) World Intellectual Property
Organization
International Bureau



558365

(43) International Publication Date
9 December 2004 (09.12.2004)

PCT

(10) International Publication Number
WO 2004/105632 A1

(51) International Patent Classification⁷: **A61C 8/00**, 17/68

(21) International Application Number:
PCT/IL2004/000434

(22) International Filing Date: 20 May 2004 (20.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
156202 29 May 2003 (29.05.2003) IL

(71) Applicant (for all designated States except US): **POLY-
DENT MEDICAL DEVICES LTD.** [IL/IL]; 12 Zvi
Street, 52504 Ramat Gan (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ILAN, Daniel**
[IL/IL]; 12 Hagalil Street, 36001 Nofit (IL). **BAR-PELED,**
Ud [IL/IL]; 102 Hadar Street, 70795 Moshav Kidron (IL).

MILLER, Zvi [IL/IL]; 12 Zvi Street, 52504 Ramat Gan
(IL). **KAPLAN, Nehemia** [IL/IL]; 12 Zvi Street, 52504
Ramat Gan (IL).

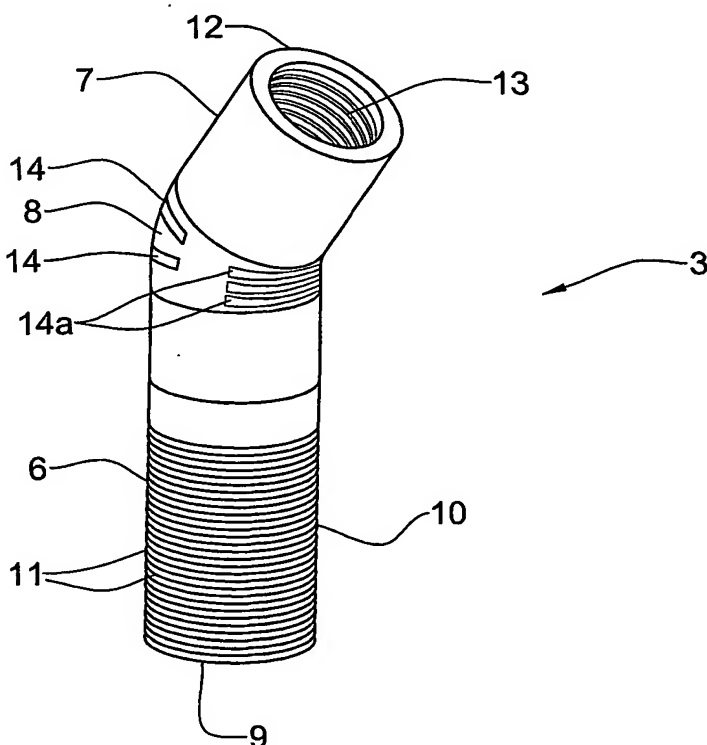
(74) Agent: **REINHOLD COHN AND PARTNERS**; P.O.
Box 4060, 61040 Tel Aviv (IL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: **IMPLANT HAVING INTEGRAL FLEXIBLE ABUTMENT PORTION AND METHOD FOR USE THEREOF**



(57) Abstract: The present invention concerns an
implant, in particular a dental implant, having a be-
low-shaped adjustable bendable portion and a cavi-
ty extending throughout the bendable portion and
having an opening. The invention further concerns
a method wherein the implant is placed in the bone,
the adjustable bending portion is bent to the de-
sired angle and the cavity is filled with a composi-
tion that can fix the portion at a desirable angle.

WO 2004/105632 A1



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*